

## Supporting Information

### ONE-POT SYNTHESIS OF CARBAZOLES BY A DOMINO REACTION USING MICROWAVE HEATING AND ANTIPROLIFERATIVE ACTIVITIES OF CONSTITUENTS FROM MURRAYA PLANTS AGAINST CANCER STEM CELLS

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Figure S1. <sup>1</sup>H-NMR spectrum (CDCl<sub>3</sub>) of glycozoline (11)

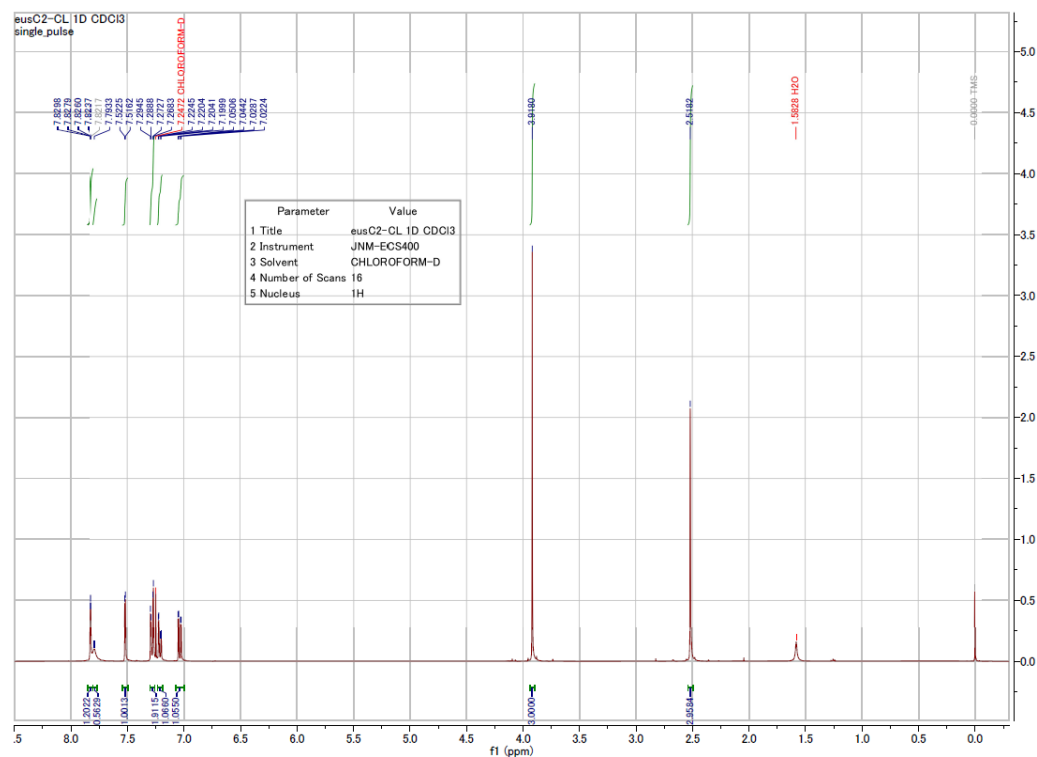
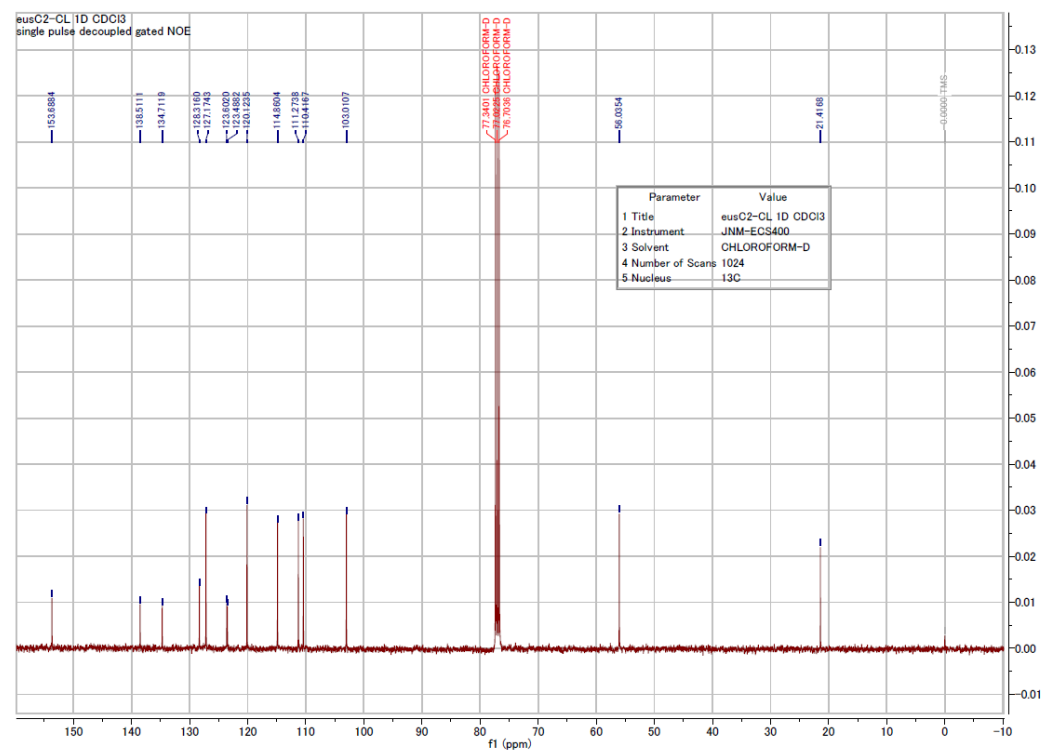
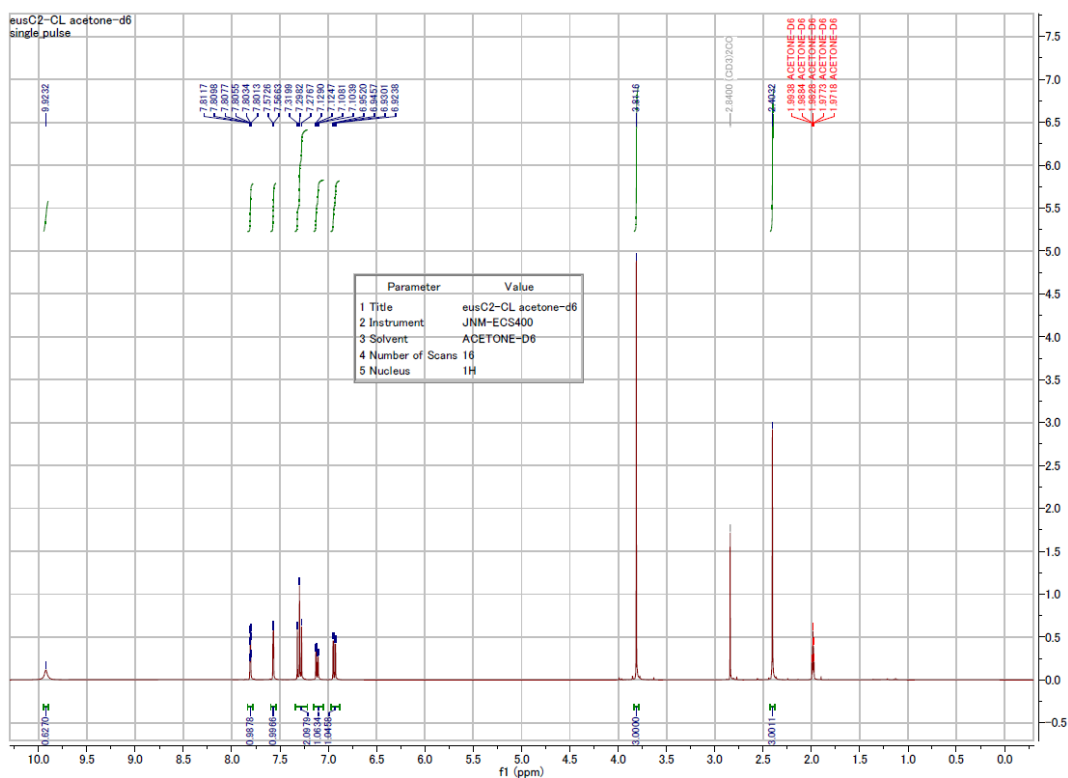


Figure S2. <sup>13</sup>C-NMR spectrum (CDCl<sub>3</sub>) of glycozoline (11)



**Figure S3.**  $^1\text{H-NMR}$  spectrum (acetone- $d_6$ ) of glycozoline (11)



**Figure S4.**  $^{13}\text{C-NMR}$  spectrum (acetone- $d_6$ ) of glycozoline (11)

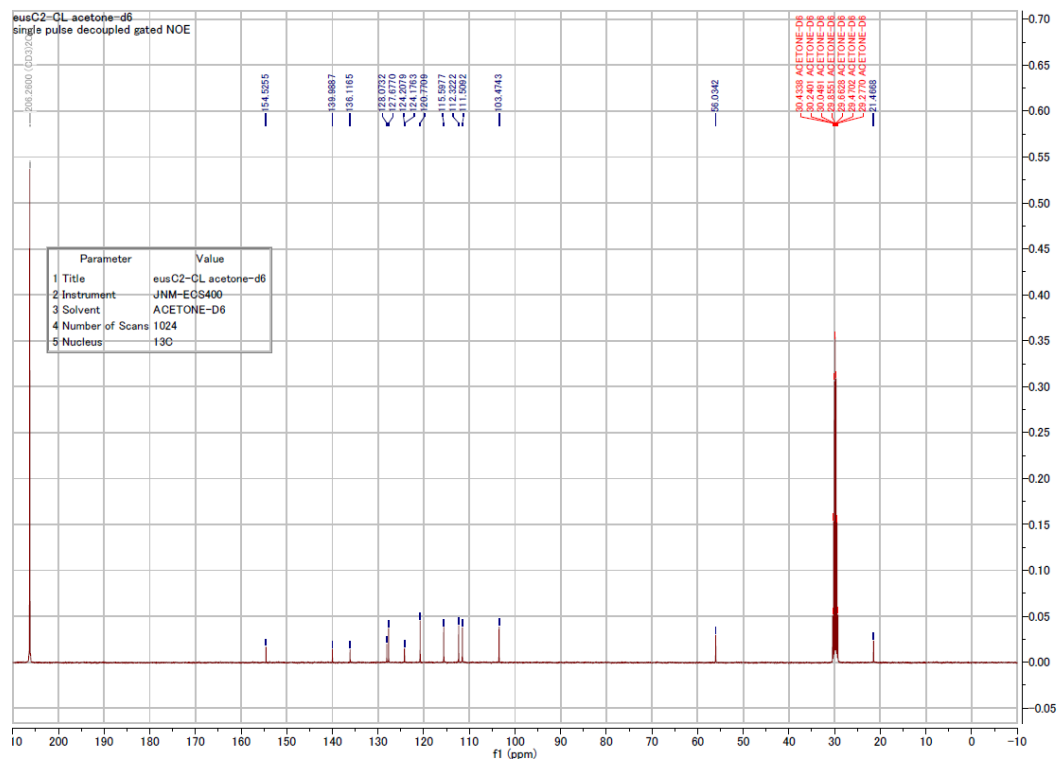


Figure S5.  $^1\text{H-NMR}$  spectrum (acetone- $d_6$ ) of glycozoline (12)

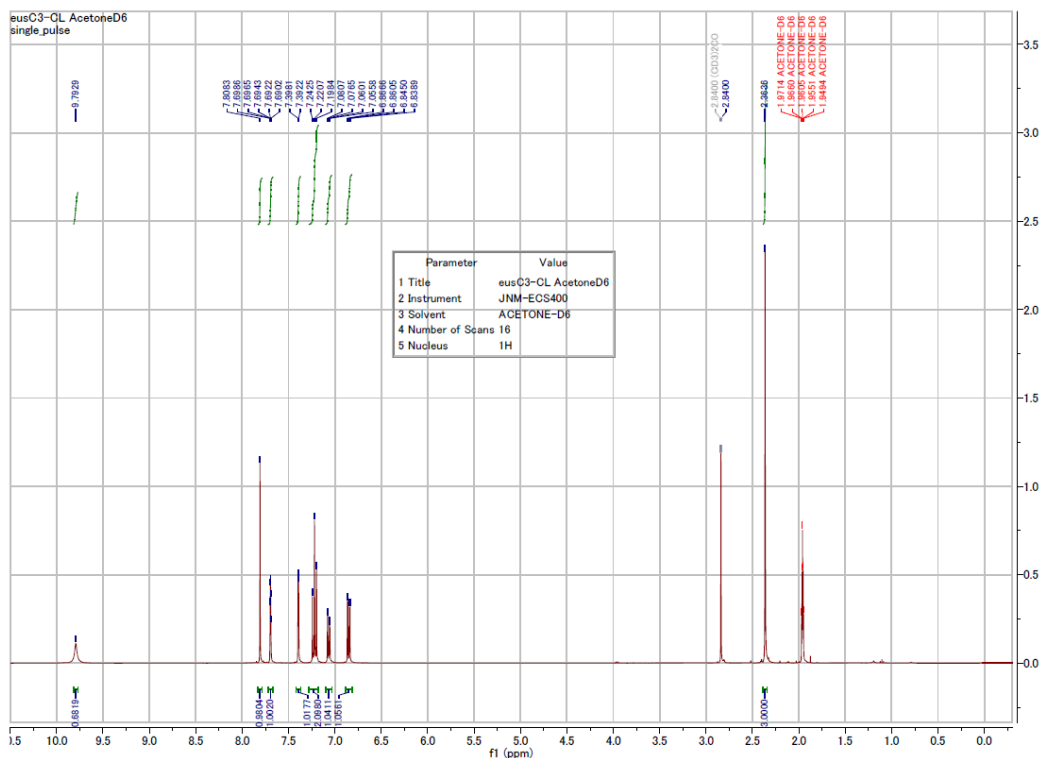
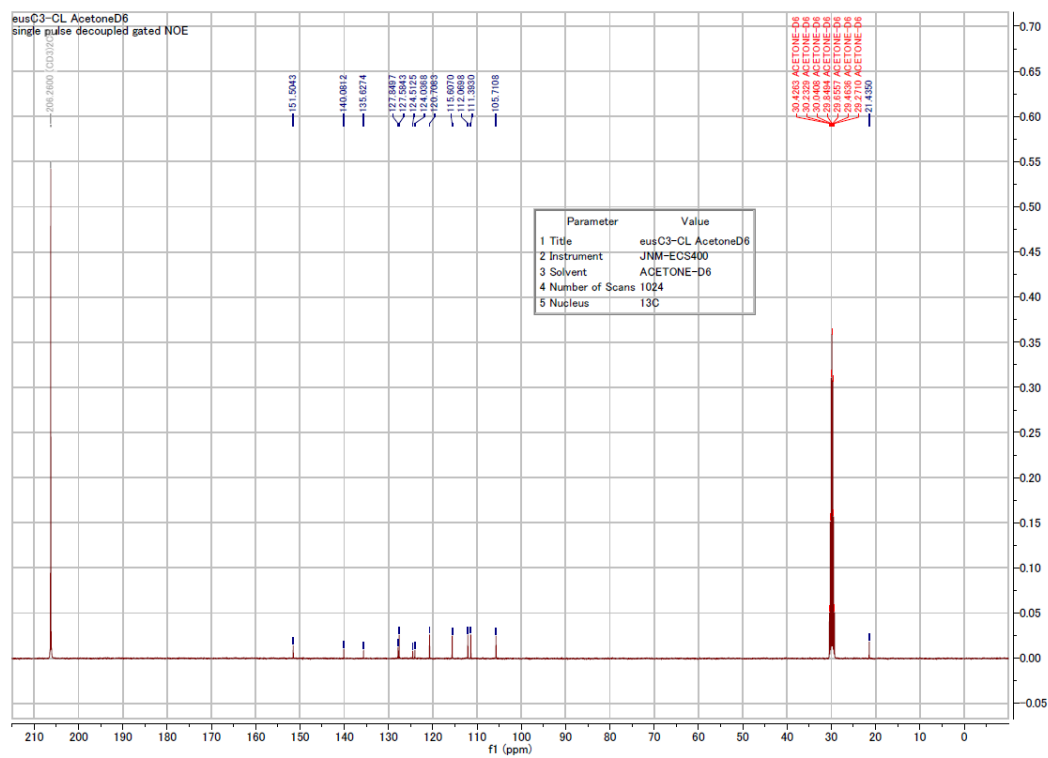
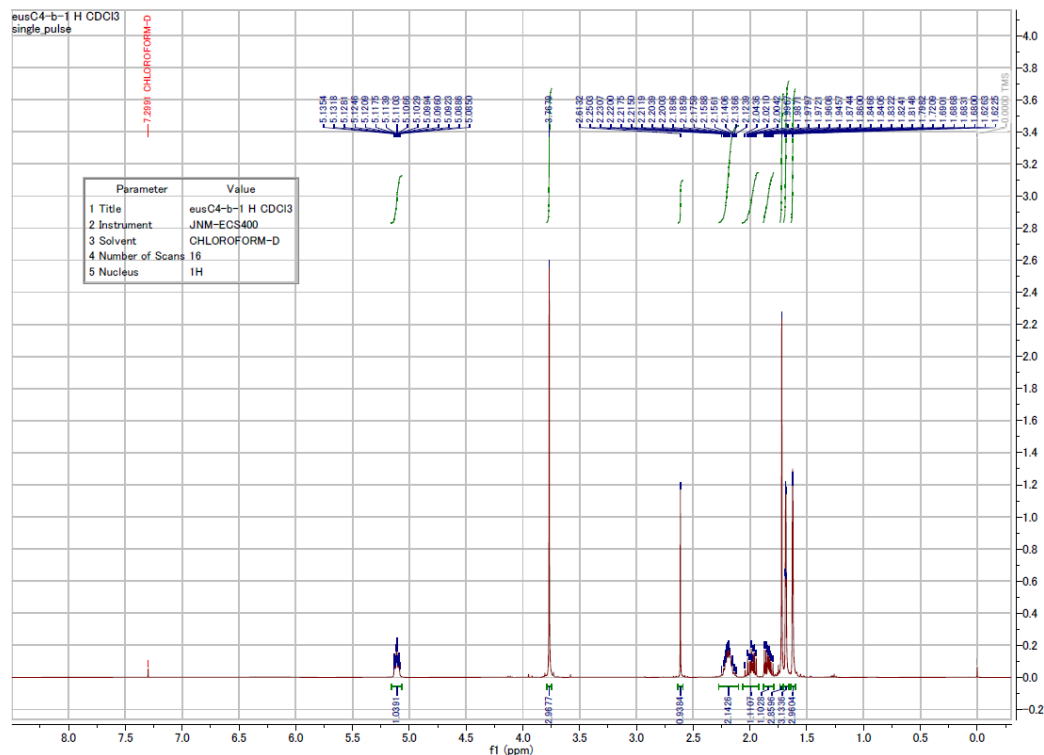


Figure S6.  $^{13}\text{C-NMR}$  spectrum (acetone- $d_6$ ) of glycozoline (12)



**Figure S7.** <sup>1</sup>H-NMR spectrum (CDCl<sub>3</sub>) of 3,7-dimethyloct-6-en-1-yn-3-yl methyl carbonate (17)



**Figure S8.** <sup>13</sup>C-NMR spectrum (CDCl<sub>3</sub>) of 3,7-dimethyloct-6-en-1-yn-3-yl methyl carbonate (17)

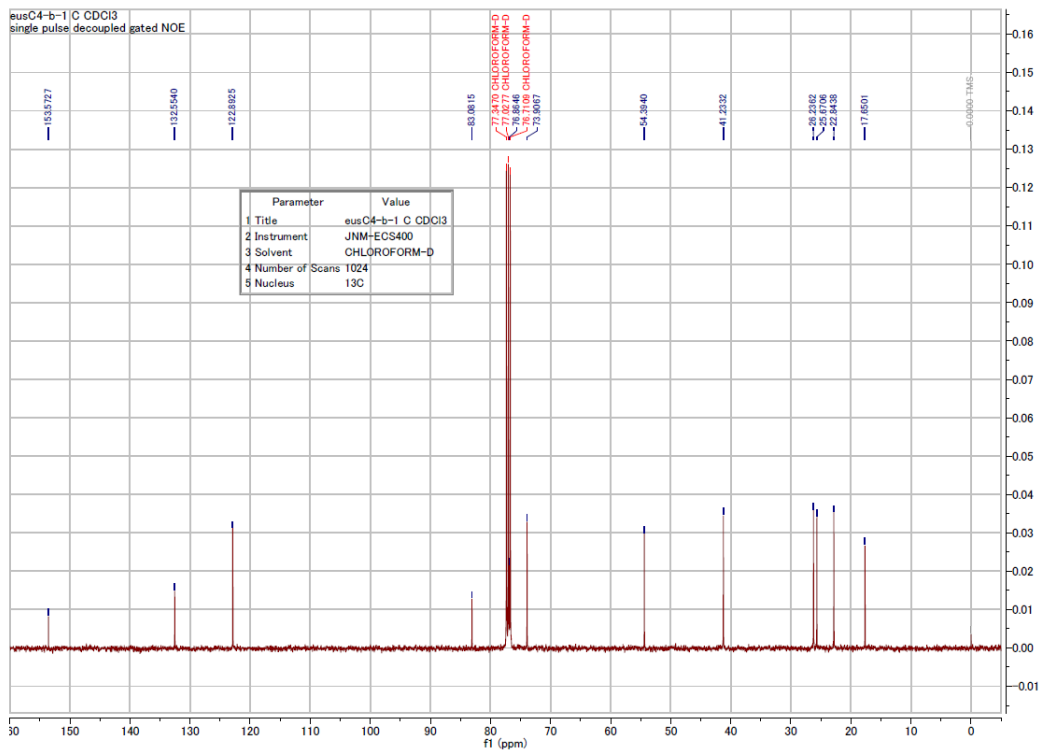


Figure S9. <sup>1</sup>H-NMR spectrum (CDCl<sub>3</sub>) of eustifoline-B (10)

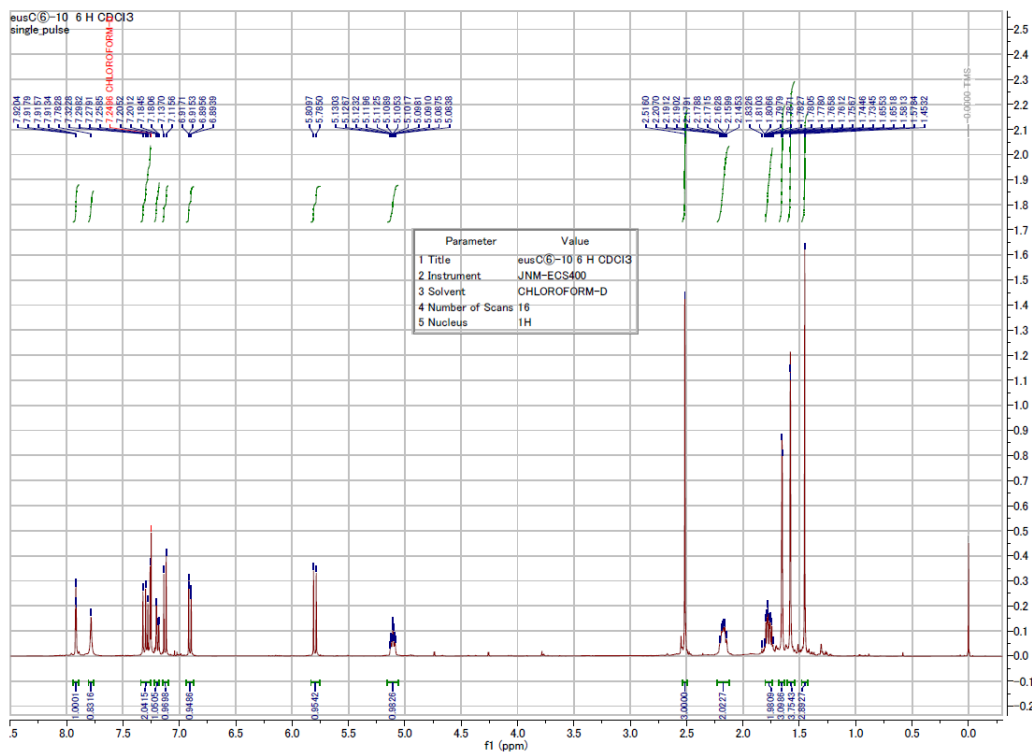


Figure S10. <sup>13</sup>C-NMR spectrum (CDCl<sub>3</sub>) of eustifoline-B (10)

